

As an electrical engineer, as a licensed amateur radio operator, and as an avid user of the Internet, I feel that BPL is a poorly engineered way to provide Internet service to the public, as well as a duplication of services.

Some proposed BPL plans would turn every wire in a home into an RF radiator - an antenna! What about homes with 'knob & tube' wiring? Those single conductors would emit much more RF than a more 'balanced' romex style cable.

It is my opinion that the decision to permit BPL has been rushed quickly to the FCC, without realizing the huge ramifications of it's potential damage to emergency radio communications. Please review information from the ARRL. Please extend the time period for additional testing, and comments from the public.

The public already has access to the internet by dial-up services, by DSL, by cable systems (using shielded coaxial cables), and even by satellite. Nearly every library in the USA provides free internet use. This rush to provide yet another method of internet delivery carries way too high of a cost to the United States radio bands - to the standard broadcast bands, to amateur radio emergency services, and to VHF local and state public safety services.

Please consider the good of the many over the good of the very few. BPL benefits very few - if any. Overhead electrical wires - mainly single conductors - already produce havoc to radio bands with poor insulators, bad fused disconnects etc...BPL would only add to the unintentional havoc on the broadcast bands.

Please examine all the facts from the ARRL and others, and allow more time for comments from the public and more time for testing by several technical organizations.

The FCC indicated in 1934 that the airwaves belong to everyone (much like a river) - it is the responsibility of the FCC to make sure that OUR airwaves are not polluted (by BPL or other means), much the same as not allowing dumping into a river that is used by many for drinking water.

Thank you for allowing me to submit my comments suggesting you reconsider allowing BPL in the United States.

Sincerely,
John Pavlica, Jr.